LEGEND GENERAL NOTES: IN GENERAL, WORK SHALL INCLUDE, BUT NOT BE LIMITED TO: NEW DUCT SMOKE DETECTOR. 1) THE DETAILED DESIGN, FABRICATION, PROCUREMENT, AND INSTALLATION OF THE FIRE PROTECTION SYSTEMS ADDITIONS AND MODIFICATIONS AS J EXISTING FIRE ALARM JUNCTION BOX. INDICATED ON THE CONTRACT DRAWINGS. FAP EXISTING FIRE ALARM CONTROL UNIT. 2) INSTALLATION OF NEW CONDUIT, RACEWAY SYSTEM MODIFICATIONS AND RACEWAYS FOR THE FIRE ALARM SYSTEM MODIFICATIONS. --- NEW $\frac{3}{4}$ INCH FIRE ALARM CONDUIT. 3) THE INSTALLATION OF NEW DUCT SMOKE DETECTORS IN THE NEW HVAC FAN CONDUCTOR IDENTIFICATION LEGEND UNITS AS SHOWN IN THE DRAWINGS, ALL NECESSARY RACEWAY SYSTEMS (CONDUIT), ZU-35DS MODULES, SM-30 MODULES, SR-35 MODULES, 4-13 IDC 4#16 INITIATION DEVICE CIRCUIT CONDUCTORS FOR HVAC FAN UNIT #13. INTERPOSING HVAC FAN SHUTDOWN RELAYS, AND CONDUCTORS NECESSARY 1-13 FSD 1#16 RELAY CIRCUIT CONDUCTOR FOR HVAC FAN UNIT #13 FAN SHUT DOWN. FOR THE INSTALLATION AND COMMUNICATION WITH THE EXISTING FACP LOCATED IN THE 1ST FLOOR CLOSET FOR THE FIRE ALARM SYSTEM MODIFICATIONS. 4) ALL PENETRATIONS THROUGH WALLS, FLOORS, CEILINGS, AND ROOF NECESSARY FOR THE INSTALLATION OF THE APPLIANCES INCLUDING THE INSTALLATION OF APPROVED FIRESTOP ASSEMBLIES NECESSARY TO MAINTAIN THE DESIGNED FIRE RESISTANCE RATING OF THE WALL, CEILING, OR FLOOR ASSEMBLY. SEQUENCE OF OPERATIONS 5) SYSTEMS AND DEVICE TESTING. 6) THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND IMPLEMENTING ALL SAFETY PROGRAMS AND PROCEDURES FOR THIS PROJECT AND SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL SAFETY AND HEALTH REGULATIONS. 7) THE CONTRACT DRAWINGS ARE DIAGRAMMATIC ONLY. SUBCONTRACTOR SHALL DETERMINE THE ACTUAL MEASUREMENTS AND MAKE ANY AND ALL SUCH LENGTH AND OFFSET ADJUSTMENTS AS MAY BE NECESSARY TO COMPLETE THE INSTALLATION AT NO CHANGE IN THE CONTRACT PRICE. THE DRAWINGS ARE NOT INTENDED TO RELIEVE THE SUBCONTRACTOR OF ANY RESPONSIBILITY FOR AVOIDING CONFLICTS OR OBSTRUCTIONS, OR FOR INSTALLING THE FIRE ALARM APPLIANCES AS REQUIRED. 8) ALL EQUIPMENT SHALL BE NEW, AND APPROVED AND/OR LISTED BY UNDERWRITERS' LABORATORIES OR FACTORY MUTUAL. AHU DUCT SMOKE DETECTOR $| \bullet |$ LOSS OF POWER OR TROUBLE 9) SYSTEM, EQUIPMENT, INSTALLATION, AND MATERIALS AND METHODS USED SHALL COMPLY WITH THE FOLLOWING: SUPERVISORY SWITCH | ● | | ● A) THE REQUIREMENTS OF THE LAWRENCE BERKELEY NATIONAL THE SEQUENCE OF OPERATIONS ABOVE ADDRESSES ACTIONS AS A RESULT OF LABORATORY. THIS PROJECT ONLY (E.G. ALL BUILDING FIRE ALARM FUNCTIONS ARE NOT SHOWN). B) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 72 NATIONAL FIRE ALARM CODE, CURRENT EDITION. C) CALIFORNIA BUILDING AND FIRE CODES, 2007 EDITIONS. TYPICAL DUCT DETECTOR DETAIL MANUFACTURER'S RECOMMENDATIONS AND GUIDELINES. /—INLET SAMPLING TUBE DUCT — — DUCT DETECTOR HOUSING (OUTSIDE OF DUCT) MOUNTED IN WEATHER-PROOF ENCLÓSURE WHERE EXPOSED TO OUTDOORS. -OUTLET SAMPLING TUBE BUILDING KEY PLAN RUBBER STOPPER -NOTE: SMOKE DETECTORS MAY ALSO BE MOUNTED ON THE CEILING OF THE HVAC FAN UNIT ENCLOSURE WHERE SIZE PERMITS, WHERE THE DETECTOR IS LISTED FOR THE APPLICATION, BUILDING 77 AND WHERE IN CAN BE MOUNTED IN ACCORDANCE WITH ITS LISTINGS/APPROVALS AND NFPA 72. BUILDING 77 RECORD CHECKED BY REHAB. BLDG. STRUCTURE/SYSTEMS PH.2 APPROVED BY DRAWING CAD FILE PATH TRI TRE ALARM - DETAILS & NOTES HYT Corporation SCALE AS NOTE Fire Protection Engineers and Consultants DRAWING NO. 3498 Clayton Road - Suite 101 Concord, California 4N77E211 94519 Phone: (925) 681-2731 FAX: (925) 681-2733 (PROGRESS, ESTIMATE, BID, CONSTRUCTION, CONFORMED, REVISION, RECORD) REVISION DRAWN CHECKED APPR'D BY DATE REMARKS CONSULTING FIRM PROFESSIONAL SEAL (IF REVISION, APPLIES ONLY TO REVISED WORK)